0600A5--Seward Johnson Cruise 01 JUL 12-AUG 7 2010

****DATA SOURCE****

Data were compiled from surveys conducted in the Gulf of Mexico. Data were compiled from NewFields Environmental Forensics Practice, LLC (Alpha) lab electronic data.   The following SDGs (QC Batches) have been incorported into the database: 1007106, 1007107, 1007109, 1007111, 1007115, 1007116, 1007117, 1007118, 1007119, 1007120, 1007121, 1007122, 1007192, 1007213, 1008017, and 1008026. The data sets were for samples collected from Seward Johnson Cruise 01.

****DATA COLLECTION PURPOSE****

Natural Resource Damage Assessment

****DATA USE QUALIFICATION****

 Values for concentration and detection limit should be interpreted to 3 significant figures. Values for reporting limits should be interpreted to 1 significant figure.

****STUDY****

The data include water chemistry data.

****STATION****

StationIDs are based on a grid location and a sequential number assigned to each set of coordinates.   Datum was assumed to be NAD83 as requested on field sampling forms.

****SAMPLES AND REPLICATES****

The collection depth of water samples in the fields UDepth and LDepth are reported in meters.

The original SampleIDs reported by the lab from the Chain-of-Custody are stored in the ExSampID field.

Field duplicate samples have been indicated by the use of a "D" on the Query Manager sample ID (e.g. W001D is a duplicate of W001). In some cases, the field duplicates were determined from the sample type designation of "Duplicate" in the field sample information. In other cases, where a sample was collected from the same place at the same time and depth, one of the two results was designated as a field duplicate.

The default labrep code was "1A." Lab duplicates (second analysis of same sample for same analytical method) were assigned labrep "2A".
Lab duplicates were identified as those samples with a "D" suffix on the labID.

The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX"). The following chemcode/analytes were measured using two methods:
AHCN_C09/ Nonane
AHCN_C10/ Decane
AHCN_C11/ Undecane
AHCN_C12/ Dodecane
AHCN_C13/ Tridecane
NAPTHALENE/Naphthalene

Methods:
Alpha Lab Analytical Methods:
Total Saturated Hydrocarbons by GC/FID | 8015M | SOP. 0-003 Rev. 5   (abbreviated as 8015 M - Tot Sat. HC - GC/FID)
Alkylated Polynuclear Aromatic Hydrocarbons | 8270M | SOP. 0-008 Rev. 6   (abbreviated as 8270 M - Alkylated PAHs)
PIANO Volatile Hydrocarbons by GC/MS | 8260M | SOP. 0-019 Rev. 2   (abbreviated as 8260 M - PIANO VolHC - GC/MS)

****SUMMED PARAMETERS****
No sums were calculated.

****QUALIFIERS****
Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. Descriptions of the data qualifiers are included in the data dictionary.

****OTHER****
The original analyte reported as Benzo(k)fluoranthene was identifed by the data validators to be a coelution of Benzo(k)fluoranthene and Benzo(j)fluoranthene. Therefore, the chemical data for the original Benzo(k)fluoranthene results have been assigned a chemical code for Benzo(j+k)fluoranthene.

The original analyte in Alpha lab EDDs reported as "Total Petroleum Hydrocarbons (C9-C44)" was proposed to need further distinction based on information acquired from the data validators. The analyte was not subjected to silica gel cleanup; thus, it was suggested that the results represented "Total Extractable Matter (C9-C44)". This is the chemical code/chemical name used to report these original total petroleum hydrocarbon results in the final chemistry tables.